

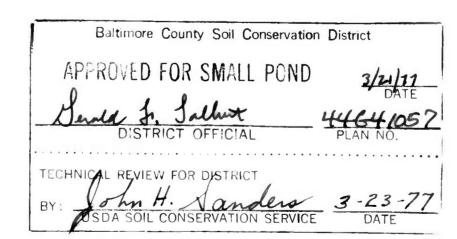
DUNDALK COMMUNITY COI FGE



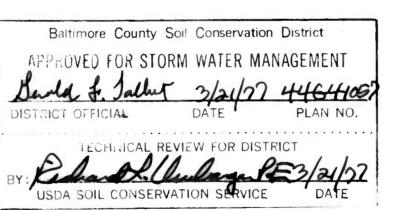
RTKL Associates Inc.

ARCHITECTS - ENGINEERS

VILLAGE OF CROSS KEYS BALTIMORE MARYLAND 21210 TECHNICAL REVIEW FOR DISTRICT



Baltimore County Soil Conservation District



Storm Water Management 3/30/7

00.00 COVER SHEET 20.01 GEOMETRIC PLAN 21.01 GRADING PLAN <sup>2</sup>21.02 GRADING PLAN 22.01 DETENTION POND 22.02 DETENTION POND DETAILS 23.01 SITE DETAILS 23.02 " " 23.03 " " 24.01 UTILITY PROFILES

24.02 DUGOUT DETAILS 24.90 ELECTRICAL PLAN 24.91 DETAILS (ELEC.) 25.01 LANDSCAPE STRIP

\* 21.01A FENCING PLAN

DATE 1 FEB. 77

SCOPE

CONSTRUCTION SEQUENCE

June-August

April , 1977 — 2. Install and stabilize all sediment control measures including:

April, 1977 — 1. Notify Baltimore County Department of Permits and Licenses,

b. Diversion berm at rear of parking lot B.

Aley Asq. 1977— 4. Perform grading operations as necessary and construct all paving,

management detention pond.

c. Add topsoil, seed, etc. in pond area.

Upon establishment of lawn:

Clean pipe system.

necessary to outlet new drainage construction.

Sediment Control Inspector at least 48 hours before any work begins.

a. Stabilized construction entrance at access point from Merritt

c. Construct outlet from sediment basin with temporary riser and

Construct remainder of drainage system with particular emphasis on

portion up to existing building drains from Physical Education

Add topsoil and seed, etc., in all areas except storm water management

b. Clean and reshape sediment basin converting it into a storm water

d. Upon establishment of lawn, construct low flow gabion mattress

appurtenances. Excavate ditch or lower entire sediment basin as

## Project includes the following:

C. (154 spaces)

- 1. Extension of 30 foot wide Ring Road with grass shoulders. 2. Extension of parking lot B (84 spaces) and construction of parking lot
- 3. Construction of concrete sidewalks as follows:

to tennis courts.

- a. Adjacent to north side of parking lot B connecting to walk by others on south side of Physical Education Building.
- b. Double walkway system on east side of parking lot B.
- c. Adjacent to west and south side of parking lot C. d. Connecting walkway on west side of Physical Education Building e. Walkway extension on south side of Physical Education Building
- 4. Tennis court complex including 7 tennis courts, one multi-purpose court, reinforced concrete practice wall, perimeter curb, perimeter
- gutter, 12 foot high perimeter and interior fencing, posts, sleeves and footings, and the 20 foot wide landscape area between courts. 5. Baseball field construction including two dugouts with surrounding

seating, infield and warn ing track preparation, backstop and perimeter

- fence, and foul line controls. 6. Cleaning of existing sediment basin and conversion to storm water
- management detention pond. Service drive extension near Maintenance Building.
- 8. Utility construction including storm drainage pipe, appurtenant structures and connection to existing pipes; extension of 8-inch water line under new sidewalk on southeast side of Physical Education Building; 1-inch water lines with shut off valves, backwater controls, roadway valve boxes, two drinking fountains and two yard hydrants in the baseball field area and one drinking fountain and one yard hydrant in the tennis court area.
- 9. Lawn to be created on imported topsoil by seeding, etc. in areas shown on plans in accord with the specifications. Also the pretreatment of approximately 18,000 square yards of area prior to placing topsoil. (see specifications)
- 10. Electrical work including roadway, parking lot and walkway lighting electric service and feeders for future lighting to baseball field and tennis courts
- 11. Miscellaneous grading as necessary to perform the above work. 12. Miscellaneous curb construction at existing road edges at island adjacent to parking lot A and adjacent to Temporary Classroom

## Alternate A (Add alternate) Accepted

Substitute "plexicushion" tennis court paving section for the base bid ("grasstex") tennis court paving section. (See Detail 7P/23.02) Alternate B (Add alternate) Accepted

Substitute color coated fence system (black) including all fabric, framework hardware and wire ties on all fencing including tennis court, baseball field perimeter and backstop.

Alternate C (Add alternate) Accepted Add plant and ground cover material to 20 foot wide landscape buffer in tennis court area as shown on detail 75.01. (Base bid shall include all topsoil and word mulch covering

Alternate D (Add alternate) Not Accepted Increase the lawn area, including furnishing and placing topsoil, seed, etc. to the east of parking lot C as shown on the plans.
Include 11,500 square yards of pretreatment prior to placing topsoil.

ALTERNATE E (Deduct Alternate) Not Accepted DELETE THE THREE BASKETBALL STANDARDS AND DELETE PAVING AND NET POSTS FOR TENNIS COURT NUMBER 6. ESTABLISH LAWN IN DELETED PAVING AREAS. NO CHANGE IN LAYOUT OF CURB, GUTTER OR FENCE. **GENERAL NOTES** 

- 1. The Contractor will be performing work immediately adjacent to and within the limits of work for the construction of the Physical Education Building and its related sitework. The affects the Contractor
- as follows: a. The Contractor is required to join to sidewalks and utility construction performed under the Physical Education Building contract. If there are any discrepancies between physical and plan
- location of any items, the Contractor shall immediately report such items to the Architect before performing any work. b. The Contractor must permit continual access to the Physical Education Building Contractor and his agents from the staging area south of the building to the building.
- 2. The site has generally been pregraded by others to the elevations shown as existing (dashed contours on sheet 21.01). The existing elevations are shown based on a design drawing rather than a topographic survey. The Contractor must expect variations up to 12 inches vertically in level areas and a variation in location of bottoms and tops of banks up to 10 feet horizontally with corresponding vertical variation. In any event,
- finished grades shall be those shown on the plans as final grades. 3. Should the Contractor discover variations in existing elevations greater than those described in (2), he shall immediately notify the Architect. Should the Contractor work in such areas without first notifying the Architect in advance, the Contractor shall forfeit any claim for "extra
- work" for the additional grading required in such areas. 4. The Contractor's sole source of site access shall be from the construction access road off Merritt Boulevard near Meadow Lane. 5. Contractor's daily parking may be in the rear bay of the existing
- parking lots. The Contractor may occupy no other portion of college parking lots and access roads. 6. Additional earth needed for backfill or construction fill will be made
- available to the Contractor or excess earth can be disposed of by the Contractor within 300 feet of the eastern limit of contract. The Contractor is advised that debris and supersaturated silt may not be included in this disposal area.
- 7. The Contractor shall keep all existing walks open to pedestrian traffic at all times.
- 8. All utilities are to be built according to Baltimore County specification by a prequalified utility contractor. The Contractor shall excavate and verify exact location and depth of any mains, prior to laying any pipe. 9. All existing and proposed elevations are based on elevation 85.25 at the PK nail benchmark in the curb in the northeast corner of parking lot B.
- 10. "The initial construction operation, after installation of sediment control structures, shall be the construction of the storm drainage system at least far enough to connect to the existing drains at the Physical Education Building. This requires, as a minimum, a lower channel in the sediment basin and construction of the outlet pipe with riser, track rack and miscellaneous appurtenances."

## SEDIMENT CONTROL NOTES

- Refer to USDA-Soil Conservation Service Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas for standard details and detailed specifications of each practice specified herein.
- During the layout of sediment control practices required on this plan minor field adjustments can and will be made to insure the arrest and control of any sediment before it leaves the construction site. Changes in sediment control practices require prior approval of the Sediment Control Inspector and the Baltimore County Soil Conservation District. At the end of each working day, all sediment control practices will be
- inspected and left in operational condition. All structural sediment control measures are to remain in place until permission for their removal has been obtained from Baltimore County
- Soil Conservation Service. 5. The Contractor shall notify the sediment control representative at least 24 hours prior to start of any work.
- Structural measures including berms and traps shall be installed and stabilized according to this plan prior to any other grading. Abutting roadways shall be kept clean of all soil droppings at all times. New storm drainage system will be used to convey sediment to the
- basin during the construction period. The new storm drainage system must be thoroughly cleaned after stabilization. 9. AREA DISTURBED BY CONSTRUCTION = 390,000 sf

AS BUILT APRIZ 1979